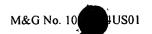# SYSTEM AND METHOD FOR DATA MANAGEMENT

ABSTRACT

An automated data management system and method for logging, processing,

5 and reporting a large volume of data having different file types, using different

versions, stored on different media, and/or run by different operating systems,

includes a first processor for restoring a plurality of received data files, the data files

being capable of being different file types; a file organizing/categorizing processor for

organizing the received data files into data slices, each data slice including an

10 identification number and a descriptor that describes characteristics of the received

data file; a file logging processor for logging the received data files into a first

database based on the data slices; a data uploading processor for uploading the first

database to a second database; a de-duplicate processor for calculating a SHA value of

the received data files to determine whether the received data files have duplicates and

15 flagging duplicated data files in the second database; an image conversion processor

for converting at least a portion of the received data files into image files; and a

second processor for exporting the image files.